# Cumulative Table of Contents

## Volume 14, 1996

## Volume 14, Number 1, February 1996 Women and Heart Disease Robert A. Wild, M.D., Guest Editor

Foreword

Leon Speroff, M.D.-1

Robert A. Wild, M.D.-3

Coronary Heart Disease in Women: 1996

Nanette K. Wenger, M.D.-5 Effects of Sex Steroid Hormones on Lipoproteins,

Clotting, and the Arterial Wall

Robert H. Knopp, M.D., Xiaodong Zhu, M.D., Bartolome Bonet, M.D., Ph.D.,

and Carrie Bagatell, M.D.-15 Adrenal Androgens, Insulin Resistance,

and Cardiovascular Disease Peter R. Casson, M.D., Peter J. Hornsby, Ph.D.,

and John E. Buster, M.D.-29 Diabetes and Women's Health

Geoffrey Redmond, M.D.-35 Cardiovascular Risk in Women With Polycystic Ovarian Syndrome

David S. Guzick, M.D., Ph.D.-45

Combination Oral Contraceptives and Cardiovascular

Philip D. Darney, M.D., M.Sc.-51

Hormone Replacement: Effects on Atherogenesis Robert A. Wild, M.D.-63

Estrogen and Cardiovascular Dynamics C. Beale, B.Sc., and P. Collins, M.D.-71

**Editor's Formulation** Robert A. Wild, M.D.-79

## Volume 14, Number 2, May 1996 Design and Analysis of Clinical Trials David L. Olive, M.D., Guest Editor

Foreword

Leon Speroff, M.D.-81

Preface

David L. Olive, M.D.-83

Ethics of Clinical Trials

Steven F. Palter, M.D.-85

Quality Assurance in Clinical Trials Seth L. Feigenbaum, M.P.H., M.D.—93

Study Design for the Evaluation of Diagnostic Tests Salim Daya, M.B., Ch.B.-101

Study Design for the Evaluation of Treatment Arlene J. Morales, M.D.-111

The Range of Normal

David L. Olive, M.D.-119

Determining Sample Size and Power in Clinical Trials: The Forgotten Essential David A. Grimes, M.D., and Kenneth F. Schulz, Ph.D.,

M.B.A.-125

Basic Statistical Testing, Including Interim Analysis David S. Guzick, M.D., Ph.D.-133

Regression Analysis and Multivariate Analysis Antoni J. Duleba, M.D., and David L. Olive, M.D .- 139

Quality of Life Assessment Arlene J. Morales, M.D.,

and L. Michael Kettel, M.D.-155

Systematic Literature Review and Meta-Analysis Edward G. Hughes, M.B., Ch.B., F.R.C.S.C.-161

Editor's Formulation

David L. Olive, M.D.-171

### Volume 14, Number 3, August 1996 **Growth Factors and Reproduction** Linda C. Giudice, M.D., Ph.D., Guest Editor

Foreword

Leon Speroff, M.D.-175

Linda C. Giudice, M.D., Ph.D.-177

Growth Factors in Normal Ovarian Follicle Development Linda C. Giudice, M.D., Ph.D., Nicholas A. Cataldo, M.D., H.J.H.M. Thierry van Dessel, M.D., O.W. Stephanie Yap, B.S.,

and Yasmin A. Chandrasekher, Ph.D.-179

Growth Factors in Ovarian Follicle Atresia Sang-Young Chun, Ph.D., Karen M. Eisenhauer, Ph.D., Sawako Minami, M.D., Ph.D., and Aaron I.W. Hsueh, Ph.D.-197

Growth Factors and Polycystic Ovarian Syndrome Linda C. Giudice, M.D., Ph.D., Arlene J. Morales, M.D., and Samuel S.S.C. Yen, M.D., D.Phil.-203

Growth Factors and Testicular Function: Relevance to Disorders of Spermatogenesis in Humans Eric P. Smith, M.D., and Marco Conti, M.D.-209

Oviductal-Derived Growth Factors and Cytokines: Implication in Preimplantation Nasser Chegini, Ph.D.—219

Growth Factors and Cytokines in Endometrium, Embryonic Development, and Maternal: Embryonic Interactions

Salli I. Tazuke, M.D., and Linda C. Giudice, M.D.,

Steroid and Growth Factor Regulation of Matrix Metalloproteinase Expression and Endometriosis Kevin G. Osteen, Ph.D., Kaylon L. Brunner, Ph.D., and Kathy L. Sharpe-Timms, Ph.D.-247

Peritoneal Growth Factors and Endometriosis Engin Oral, M.D., and Aydin Arici, M.D.-257

Growth Factors and Cytokines in Uterine Leiomyomas Janet Andersen, Ph.D.-269

> Volume 14, Number 4, November 1996 **Update on Ovulation Induction** William D. Schlaff, M.D., Guest Editor

Foreword

Leon Speroff, M.D.-283

# Cumulative Table of Contents

## Volume 14, 1996

## Volume 14, Number 1, February 1996 Women and Heart Disease Robert A. Wild, M.D., Guest Editor

Foreword

Leon Speroff, M.D.-1

Robert A. Wild, M.D.-3

Coronary Heart Disease in Women: 1996

Nanette K. Wenger, M.D.-5 Effects of Sex Steroid Hormones on Lipoproteins,

Clotting, and the Arterial Wall

Robert H. Knopp, M.D., Xiaodong Zhu, M.D., Bartolome Bonet, M.D., Ph.D.,

and Carrie Bagatell, M.D.-15 Adrenal Androgens, Insulin Resistance,

and Cardiovascular Disease Peter R. Casson, M.D., Peter J. Hornsby, Ph.D.,

and John E. Buster, M.D.-29 Diabetes and Women's Health

Geoffrey Redmond, M.D.-35 Cardiovascular Risk in Women With Polycystic Ovarian Syndrome

David S. Guzick, M.D., Ph.D.-45

Combination Oral Contraceptives and Cardiovascular

Philip D. Darney, M.D., M.Sc.-51

Hormone Replacement: Effects on Atherogenesis Robert A. Wild, M.D.-63

Estrogen and Cardiovascular Dynamics C. Beale, B.Sc., and P. Collins, M.D.-71

**Editor's Formulation** Robert A. Wild, M.D.-79

## Volume 14, Number 2, May 1996 Design and Analysis of Clinical Trials David L. Olive, M.D., Guest Editor

Foreword

Leon Speroff, M.D.-81

Preface

David L. Olive, M.D.-83

Ethics of Clinical Trials

Steven F. Palter, M.D.-85

Quality Assurance in Clinical Trials Seth L. Feigenbaum, M.P.H., M.D.—93

Study Design for the Evaluation of Diagnostic Tests Salim Daya, M.B., Ch.B.-101

Study Design for the Evaluation of Treatment Arlene J. Morales, M.D.-111

The Range of Normal

David L. Olive, M.D.-119

Determining Sample Size and Power in Clinical Trials: The Forgotten Essential David A. Grimes, M.D., and Kenneth F. Schulz, Ph.D.,

M.B.A.-125

Basic Statistical Testing, Including Interim Analysis David S. Guzick, M.D., Ph.D.-133

Regression Analysis and Multivariate Analysis Antoni J. Duleba, M.D., and David L. Olive, M.D .- 139

Quality of Life Assessment Arlene J. Morales, M.D.,

and L. Michael Kettel, M.D.-155

Systematic Literature Review and Meta-Analysis Edward G. Hughes, M.B., Ch.B., F.R.C.S.C.-161

Editor's Formulation

David L. Olive, M.D.-171

### Volume 14, Number 3, August 1996 **Growth Factors and Reproduction** Linda C. Giudice, M.D., Ph.D., Guest Editor

Foreword

Leon Speroff, M.D.-175

Linda C. Giudice, M.D., Ph.D.-177

Growth Factors in Normal Ovarian Follicle Development Linda C. Giudice, M.D., Ph.D., Nicholas A. Cataldo, M.D., H.J.H.M. Thierry van Dessel, M.D., O.W. Stephanie Yap, B.S.,

and Yasmin A. Chandrasekher, Ph.D.-179

Growth Factors in Ovarian Follicle Atresia Sang-Young Chun, Ph.D., Karen M. Eisenhauer, Ph.D., Sawako Minami, M.D., Ph.D., and Aaron I.W. Hsueh, Ph.D.-197

Growth Factors and Polycystic Ovarian Syndrome Linda C. Giudice, M.D., Ph.D., Arlene J. Morales, M.D., and Samuel S.S.C. Yen, M.D., D.Phil.-203

Growth Factors and Testicular Function: Relevance to Disorders of Spermatogenesis in Humans Eric P. Smith, M.D., and Marco Conti, M.D.-209

Oviductal-Derived Growth Factors and Cytokines: Implication in Preimplantation Nasser Chegini, Ph.D.—219

Growth Factors and Cytokines in Endometrium, Embryonic Development, and Maternal: Embryonic Interactions

Salli I. Tazuke, M.D., and Linda C. Giudice, M.D.,

Steroid and Growth Factor Regulation of Matrix Metalloproteinase Expression and Endometriosis Kevin G. Osteen, Ph.D., Kaylon L. Brunner, Ph.D., and Kathy L. Sharpe-Timms, Ph.D.-247

Peritoneal Growth Factors and Endometriosis Engin Oral, M.D., and Aydin Arici, M.D.-257

Growth Factors and Cytokines in Uterine Leiomyomas Janet Andersen, Ph.D.-269

> Volume 14, Number 4, November 1996 Update on Ovulation Induction William D. Schlaff, M.D., Guest Editor

Foreword

Leon Speroff, M.D.-283

#### CUMULATIVE TABLE OF CONTENTS

Preface

William D. Schlaff, M.D.-285

Physiologic Basis of Ovulation Induction Gregory F. Erickson, Ph.D.—287

Ovulation Induction in the Nonestrogenized Patient Bradley S. Hurst, M.D.—299

Ovulation Induction in the Estrogenized Anovulatory Patient

L. Michael Kettel, M.D. and William P. Hummel, M.D.—309

Evaluation and Treatment of Low Responders Richard T. Scott, Jr., M.D.—317

Ovulation Induction in the Ovulatory Woman Kaylen M. Silverberg, M.D.—339

Reproductive Toxicity of Ovulation Induction Kathleen E. Tucker, Ph.D.—345

Prevention and Treatment of Ovarian Hyperstimulation Syndrome

N. Edward Dourron, M.D. and Daniel B. Williams, M.D.—355

Ovulation Induction and Ovarian Malignancy Angeline N. Beltsos, M.D. and Randall R. Odem, M.D.—367

The Evolution of New Agents for Ovulation Induction Michael J. Gast, M.D., Ph.D.—375

Editor's Formulation

William D. Schlaff, M.D.-391

Author Index Volume 14, 1996-393

Cumulative Table of Contents Volume 14, 1996—394